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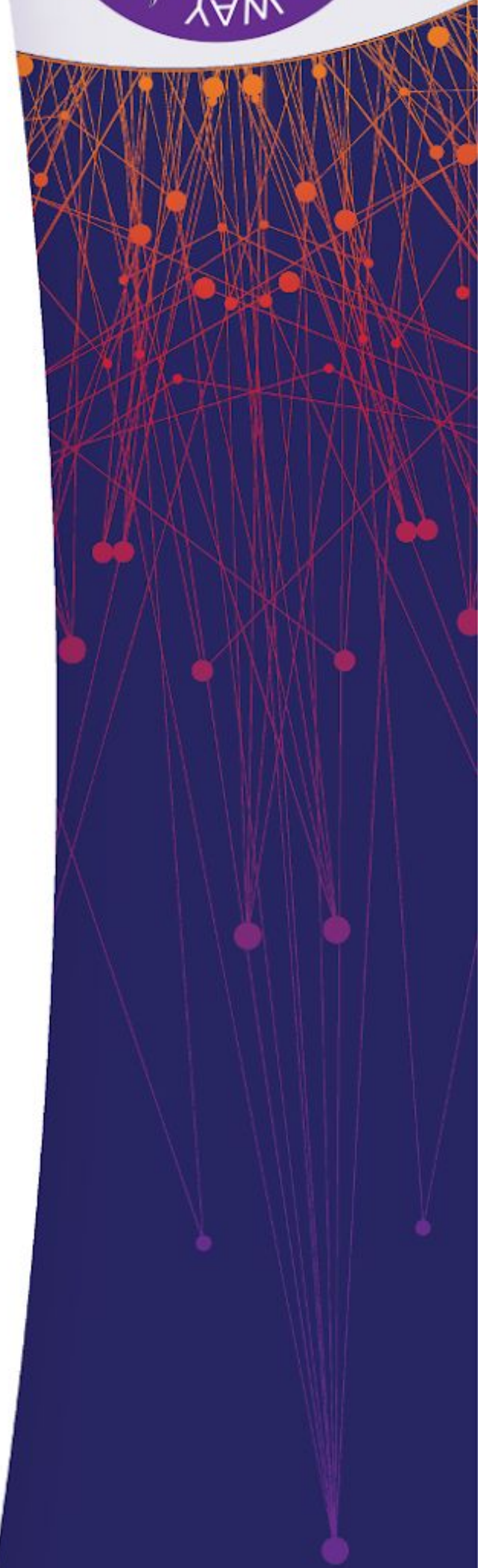
Starting my career The Apache Way

Zita Dombi

Apache Ozone Committer
Software Engineer II @ Cloudera Inc.

Agenda

- About me
- Apache Ozone
- How it all started
- What helped me?
- Learned lessons





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About me

About me

- Computer science BSc at University of Szeged
- Research group during my studies
- Computer science MSc



Professional career

- Joined Cloudera as a software engineer intern - 2021
- Started contributing to Ozone
- Full time software engineer - 2022
- Apache Ozone committer - 2023

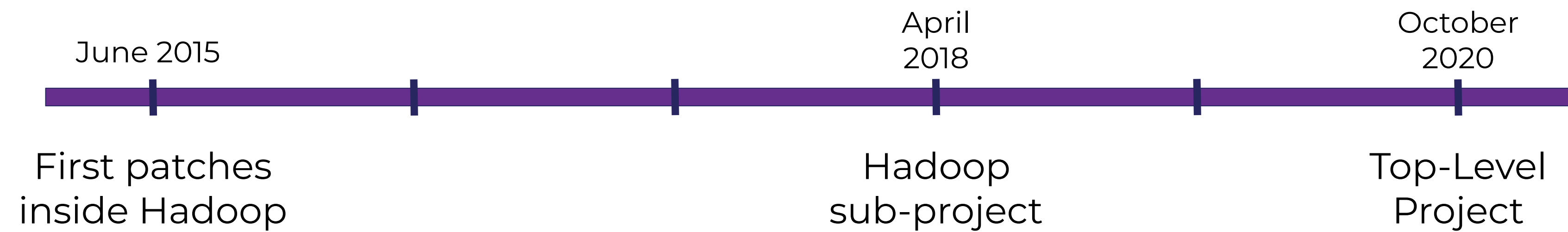




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Apache Ozone

Apache Ozone - History

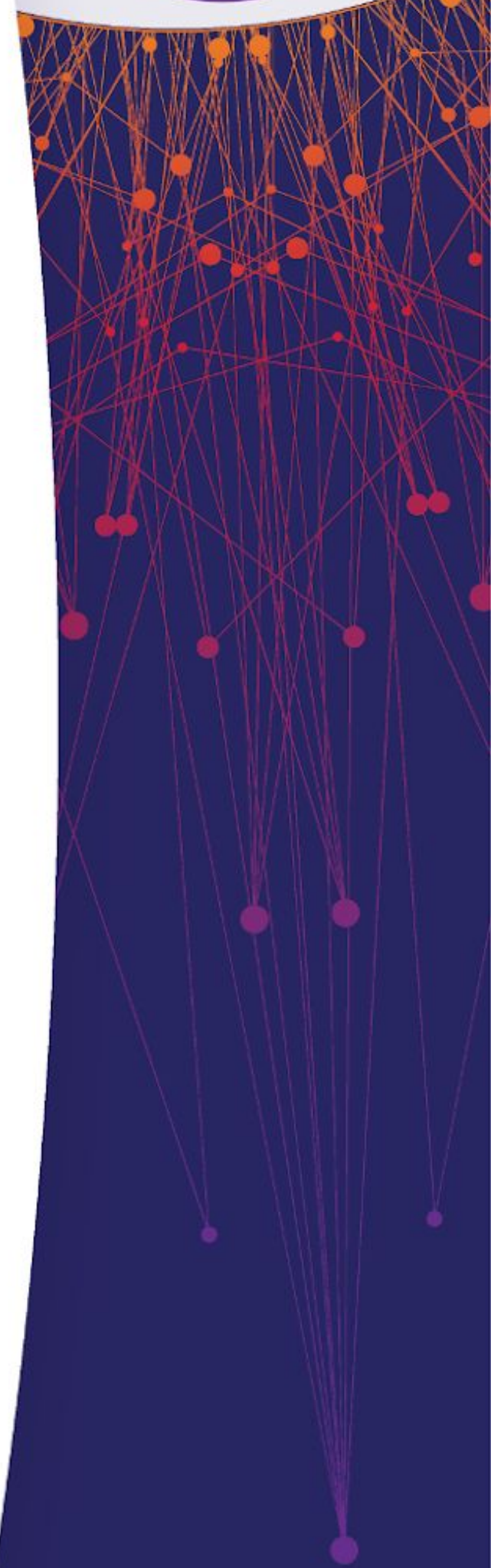


- A scalable, redundant, and distributed object store for Hadoop
- 1.3.0 is the current version, 1.4.0 release is in progress



What was I part of?

- HttpFS interface for Ozone
- Read replicas CLI tool
- Recon improvements
- HTTP authentication with Knox
- Hue File Browser support





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How it all started

Beginning

My first patch

HDDS-3983 Ozone RocksDB Iterator wrapper should not expose key() and value() API. #2402

 Merged errose28 merged 10 commits into `apache:master` from `dombizita:HDDS-3983` on Nov 4, 2021


Conversation 3

Commits 10

Checks 0

Files changed 7

+36 -86



dombizita commented on Jul 9, 2021

Member

What changes were proposed in this pull request?

It was found that there is discrepancy in the implementation of the `next()`, `key()` and `value()` methods in the `RDBStoreIterator` wrapper class.

`next()` returns the current rocksdb entry and moves ahead to the next entry.
`key()` returns current rocksdb entry's key.
`value()` returns current rocksdb entry's value.


This means that during iteration `next()` returns the current value, and subsequent calls to `key()` / `value()` after `next()` will return the next value. To solve this, we can remove those 2 APIs from the iterator class, and have the usages follow this pattern.

What is the link to the Apache JIRA


<https://issues.apache.org/jira/browse/HDDS-3983>


How was this patch tested?

Unit tests locally.



Reviewers

 errose28

 avijayanhw

Assignees

No one—assign yourself

Labels

None yet

Projects


None yet

Milestone

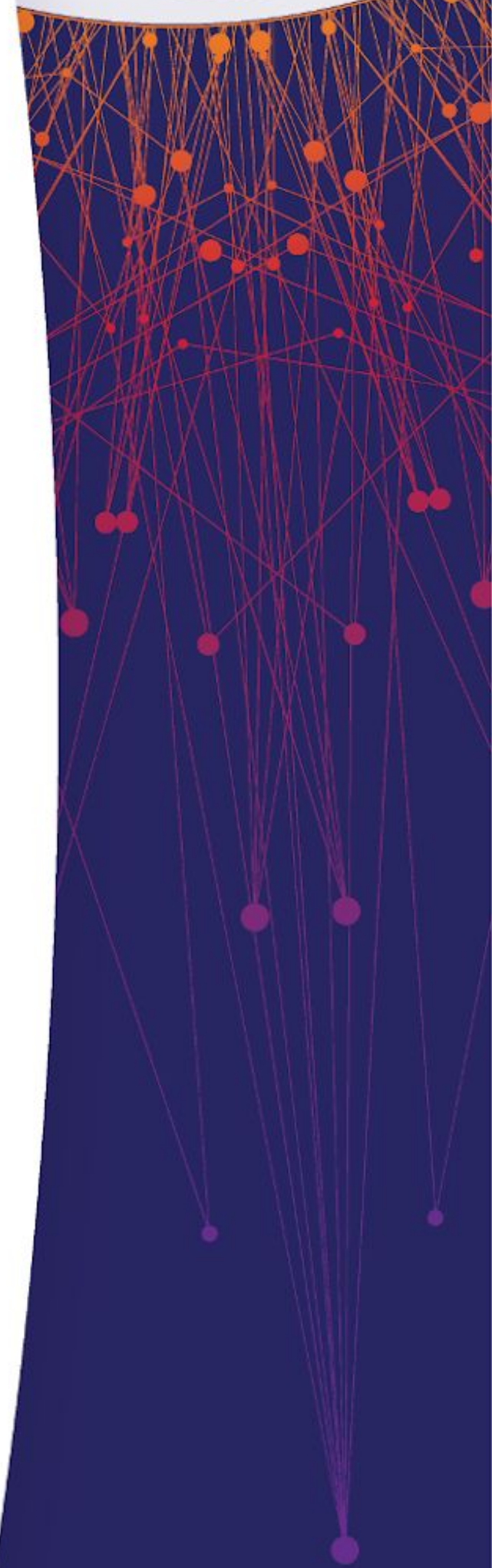
No milestone

Notifications

Customize

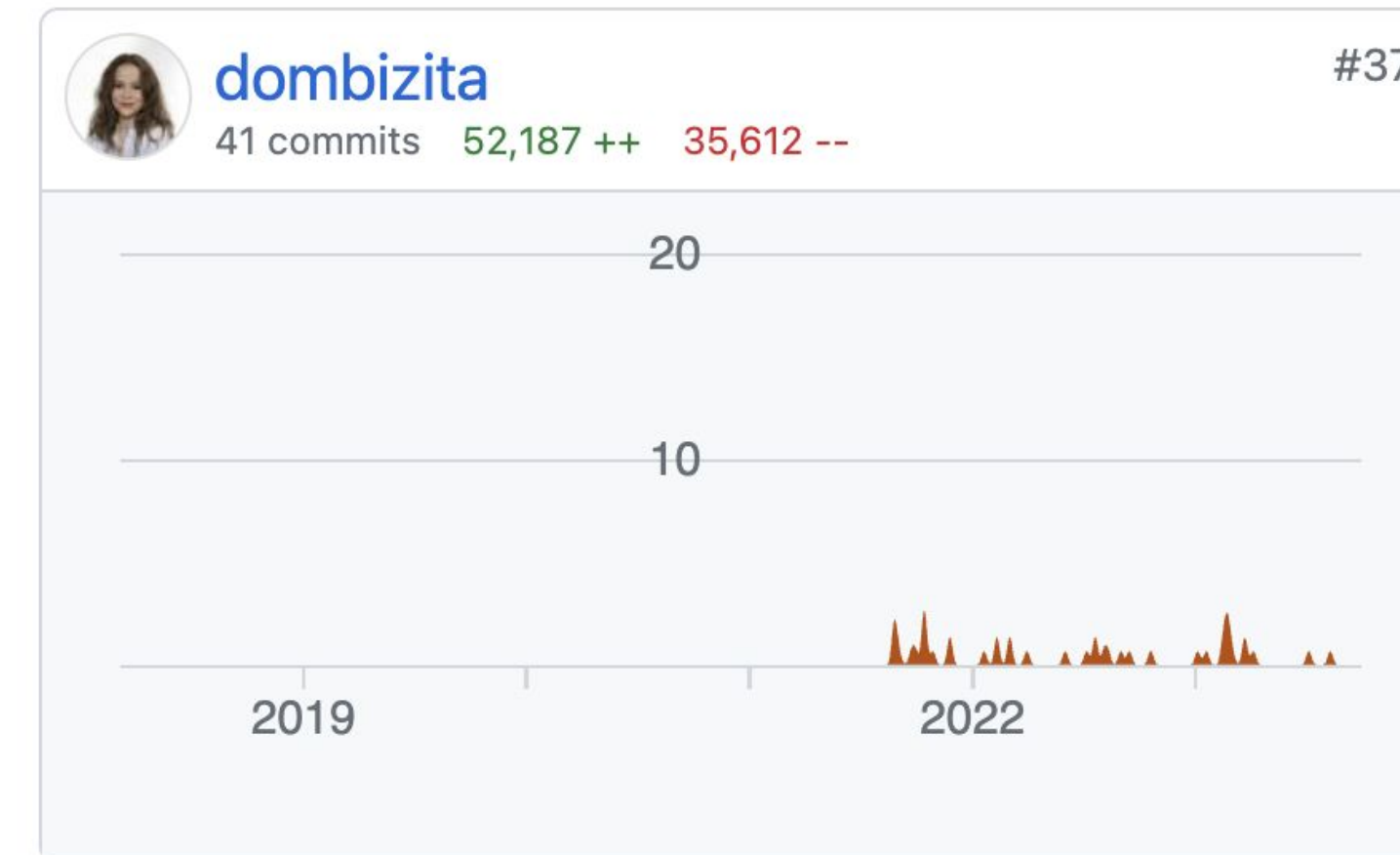
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You're receiving notifications because you were mentioned.



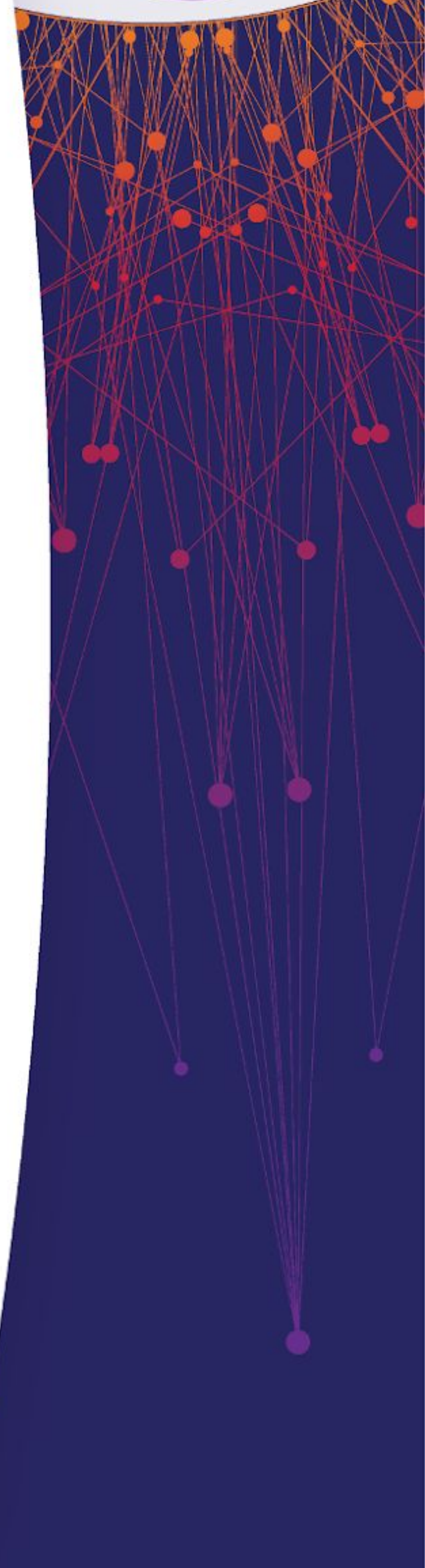
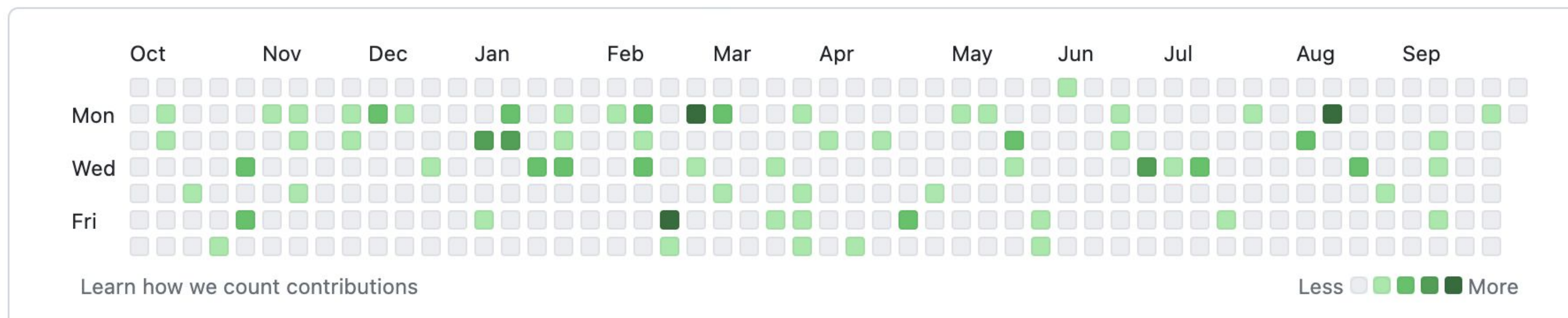
Now

- 41 merged commit
- Apache Ozone committer



96 contributions in the last year

Contribution settings ▼



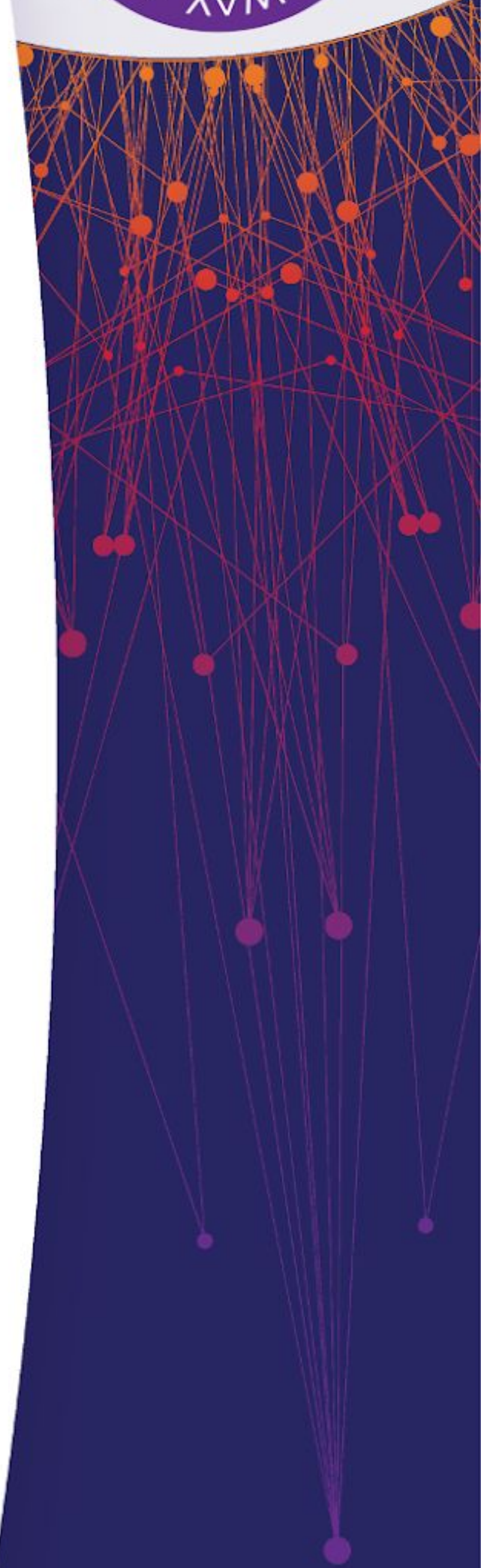


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What helped me?

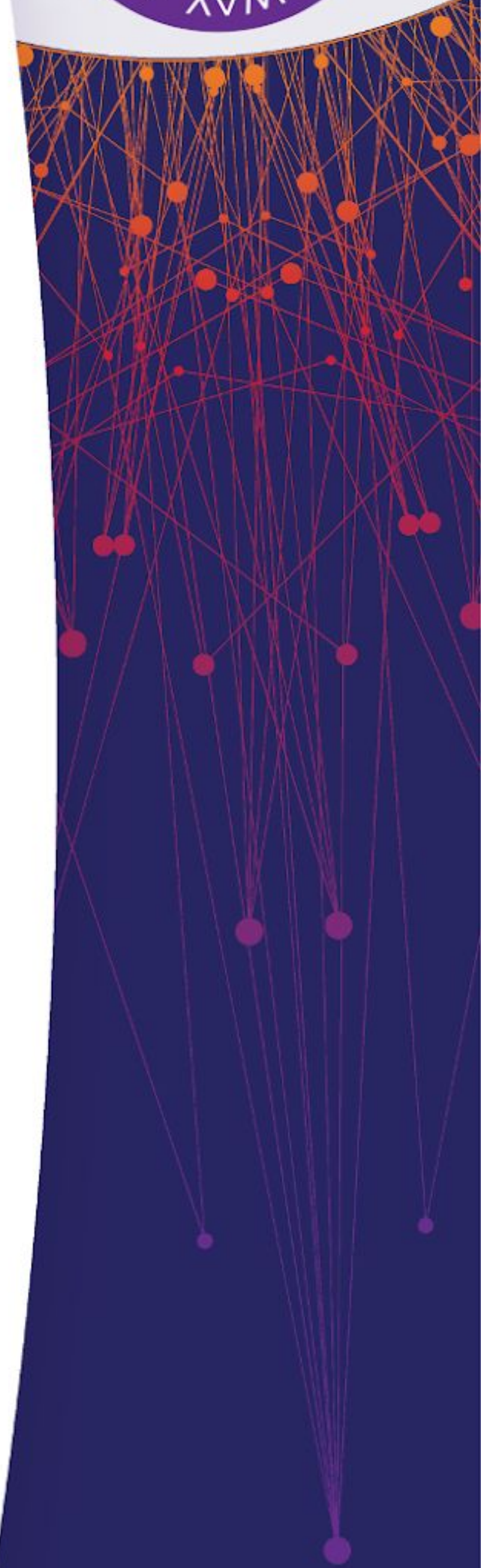
What helped me?

- Mentoring
- Youtube videos
- Website and documentation, GitHub discussions
- Meetup recordings
- Docker setup in project - try out the actual software



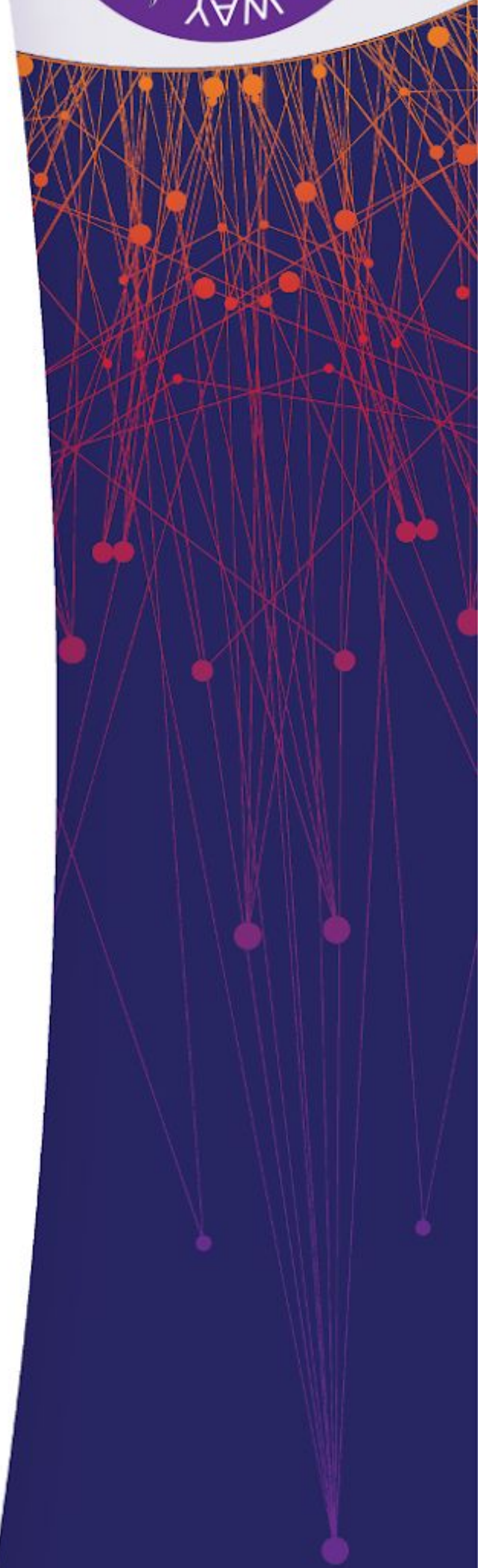
What helped me?

- PR reviews - more comments sometime felt better
- When reviewing - detailed PR and JIRA description
- Tagging me on PRs that I could review
- Community meetings
- Empathy



Good newbie++

- Project tool development
- Feature branch merge process
- Write docs
- Integration with other Apache projects



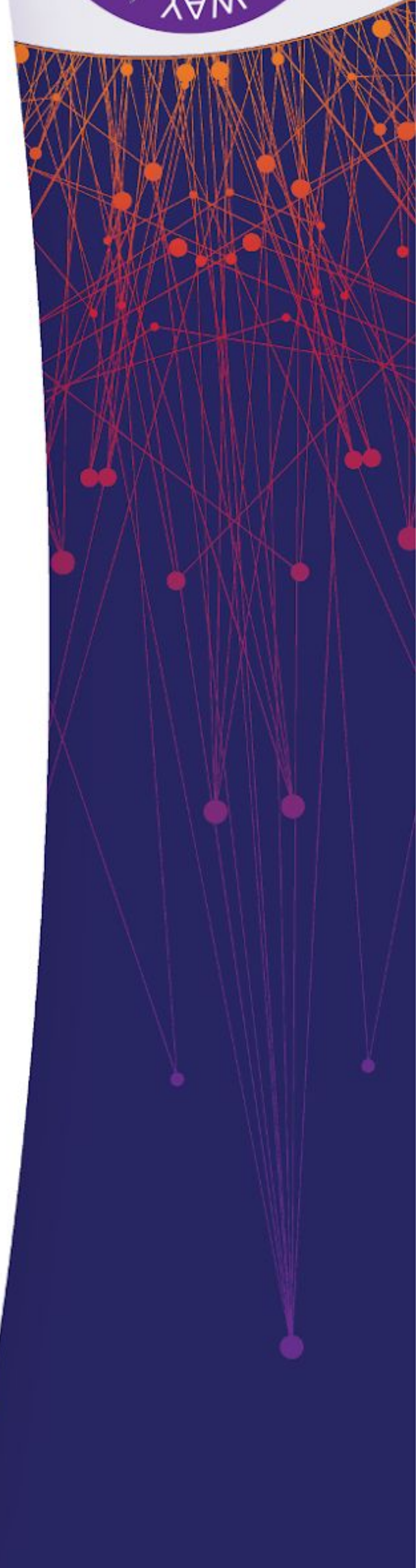


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Learned lessons

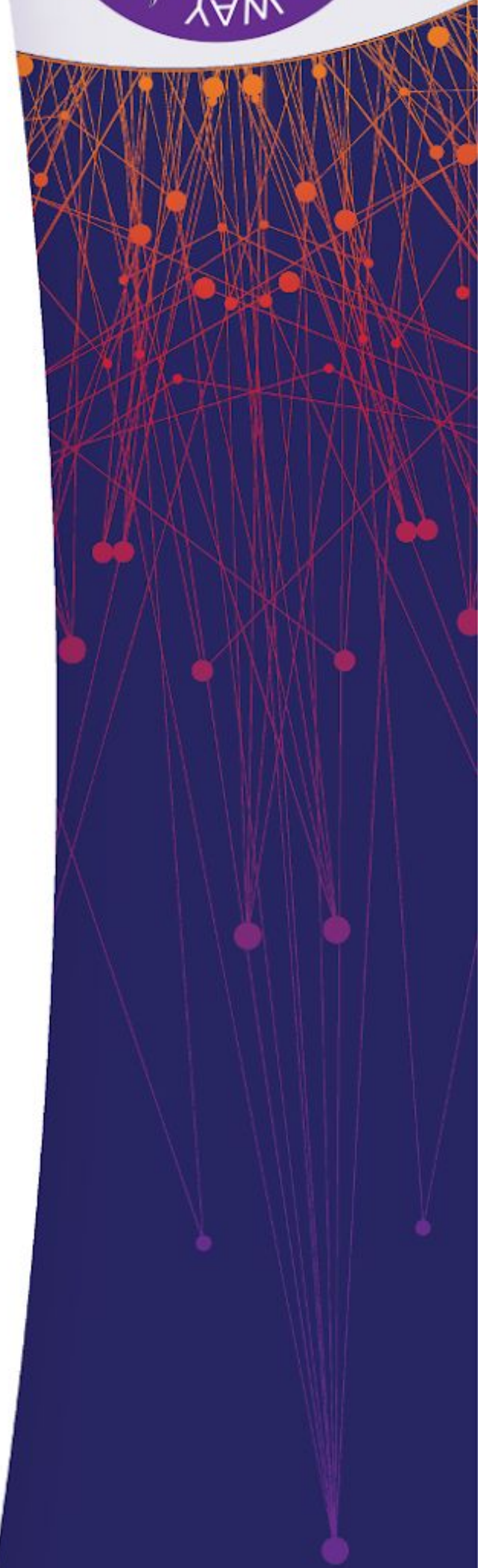
Things I learned

- Don't spend too much time on something you are blocked on, it's better to ask for help
- Don't be afraid to review patches, even if you only ask questions
- If you find bugs, file Jiras with proper description and examples - review PR
- Try to summarise harder tasks in docs



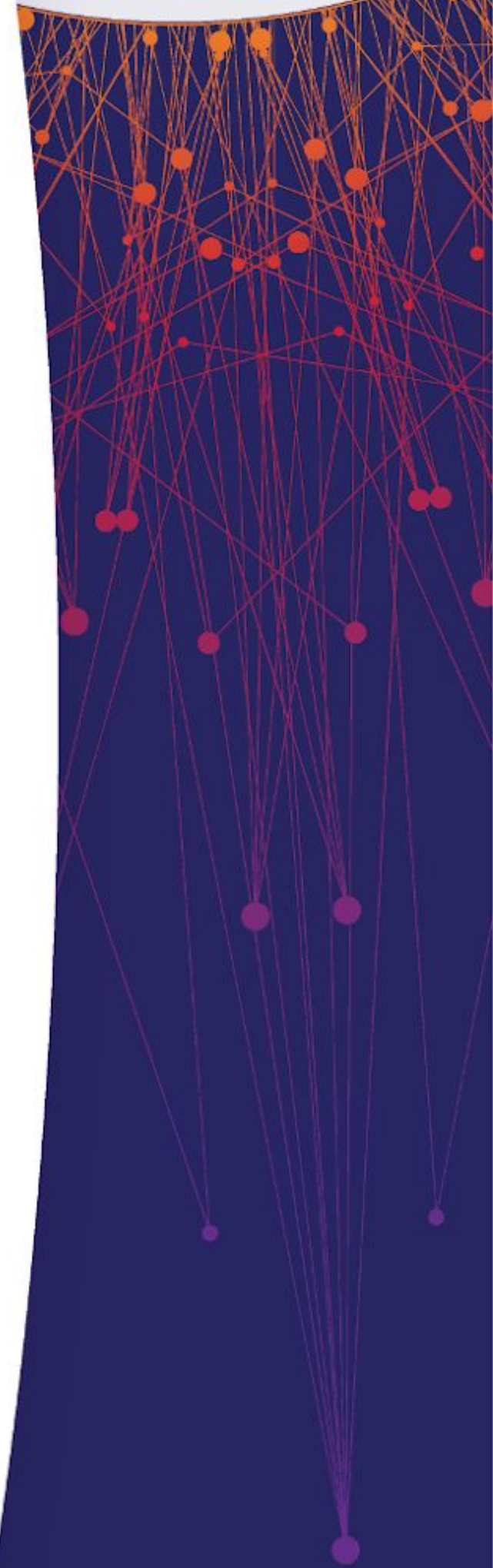
Outside open source

- A friend of mine said ...
- Responsibility
- Openness makes it safer



The Apache Way to me...

Software development in a way where we have endless opportunities to learn from each other.





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**Join the Apache
Ozone Community!**

[apache/ozone](#)
[apache/ratis](#)



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**Thank you so
much!**

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